In re: Ik-Soo Lee Serial No.: 08/847,017

Filed: May 1, 1997

Page 2 of 17



MAR 1 1 1999

TECHNOLOGY CENTER 3700



wherein the fixing means includes a first corner, and a second corner which is [remote] spaced farther from the means for receiving a display device light source [relative to] than the first corner is spaced from the means for receiving a display device light source; and

wherein the first corner is angled and the second corner is rounded.

(Amended) A mold frame according to Claim 2 wherein the groove is [free of sharp angles] entirely rounded.

5.

(Amended) A light guide panel for a display device comprising:

[a light guide plate; and]

a light guide projection which extends from the light guide [plate] panel, the light guide projection including at least one rounded corner and at least one angled corner, the at least one rounded corner operative to reduce concentration of light in the light guide projection.

Please cancel Claims 6 and 7.



(Amended) A backlight unit for a display device comprising:

a mold frame which includes a groove having at least one rounded corner; [and]

a light source on the mold frame and operative to provide light; and

a light guide panel [mounted] on the mold frame in spaced apart relation from the light source, including a light guide projection [mounted] in the groove [and], the light



5

5

In re: Ik-Soo Lee Serial No.: 08/847,017 Filed: May 1, 1997

Page 3 of 17

guide projection having at least one rounded corner corresponding to the at least one rounded corner of the mold frame groove, the rounded corners of the mold frame groove and the light guide projection being cooperative to maintain the light guide panel and the light source in spaced relation, the at least one rounded corner of the light guide projection being operative to reduce concentration of the light in the light guide projection.

%. comprising:

(Amended) A backlight unit according to Claim S: [further

a light source mounted on the mold frame, in spaced apart relation from the light guide panel;]

5

15

wherein the mold frame groove and the light guide panel both include a first corner, and a second corner which is [remote] spaced farther from the light source [relative to] than the first corner is spaced from the light source; [and]

10

wherein the first [corner is] <u>corners are</u> angled and the second [corner is] <u>corners are</u> rounded; <u>and</u>

wherein the first corner of the light guide panel is disposed adjacent the first corner of the mold frame groove and the second corner of the light guide panel is disposed adjacent the second corner of the mold frame groove.

15

(Amended) A backlight unit according to Claim 8' wherein the groove and light guide projection are both [free of sharp angles] entirely rounded.



9

14 (Amender

(Amended) A flat panel display device comprising:

a mold frame which includes a groove having at least one rounded corner;

<u>a light source mounted on the mold frame and</u> <u>operative to provide light;</u>

a light guide panel on the mold frame in spaced apart relation from the light source, including a light guide projection mounted in the groove [and], the light guide projection having at least one rounded corner corresponding to the at least one rounded corner of the mold frame groove, the rounded corners of the mold frame groove and the light guide projection being cooperative to maintain the light guide panel and the light source in spaced relation, the at least one rounded corner of the light guide projection being operative to reduce concentration of the light in the light guide projection;

[a light source on the mold frame, in spaced apart relation from the light guide panel; and an array of display elements] a display panel disposed on the light guide panel [, opposite the mold frame] and positioned such that the light guide panel is interposed between the mold frame and the display panel.

ハ

(Amended) A flat panel display device according to Claim II further comprising a diffuser between the light guide panel and the [array of display elements] display panel.

(Amended) A flat panel display device according to Claim 12 further comprising a printed circuit board on the mold frame, the printed circuit board [including a plurality of integrated circuits which are] being electrically connected to the [array of display elements] display panel.

13

10

15

20

12

(Amended) A flat panel display device according to Claim 1/4.

wherein the mold frame groove and light guide panel both include a first corner, and a second corner which is [remote] spaced farther from the light source [relative to] than the first corner is spaced from the light source; [and]

wherein the first [corner is] <u>corners are</u> angled and the second [corner is] <u>corners are</u> rounded; <u>and</u>

wherein the first corner of the light guide panel is disposed adjacent the first corner of the mold frame groove and the second corner of the light guide panel is disposed adjacent the second corner of the mold frame groove.

10

5

15. (Amended) A flat panel display device according to Claim 11 wherein the groove and light guide projection are both [free of sharp angles] entirely rounded.

Please add the following new claims:

--16. The light guide panel according to Claim 5 wherein the light guide panel defines a peripheral edge, the peripheral edge being formed in part by the light guide projection.

17. The backlight unit according to Claim 8' wherein the light guide panel defines a peripheral edge, the peripheral edge being formed in part by the light guide projection.

The flat panel display device according to Claim 11 wherein the light guide panel defines a peripheral edge, the peripheral edge being formed in part by the light guide projection.--

14

1